

TRUSHIN, V. F.

USSR/Soil Science. Processing. Melioration. Erosion. I-5

Abs Jour: Referat.Zh.Biol., No. 16, 25 Aug, 1957, 69058.

Author : Chizhevskiy, M.G., Trushin, V.F.

Inst :

Title : Agrotechnical Measures in the Struggle Against Erosion Processes.

Orig Pub: Zemledelie, 1956, No. 1, 63-66.

Abstract: Results are given for the study of effects of snow-fall on cultivated soils in the Southern part of Tula province in the "Plavsky" sovkhoz. In the area where snow-detention was conducted, the thickness of the snow layer in 1952 consisted of 43.4 cm, without snow-detention it was 28 cm; in 1953 correspondingly 14.1 and 9.2 cm. In 1952 in snow-detention the soil froze for 49.8 cm, without snow-detention it froze 66.1 cm. In snow-detention in 1952 4.64 m³/hectare of soil was washed out, without snow-detention 6.01 m³/hectare. When the snow is covered with black powder

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USSR/Soil Science. Processing. Melioration. Erosion.

I-5

Abs Jour: Referat Zh.Biol., No. 16, 25 Aug, 1957, 69058.

Abstract: the water runs off on frozen ground, which is most stable to erosion processes. The liquid flow when the snow was blackened consisted of 752 T/hectare from a total reserve of 835.4 T. In the first instance, of the total reserve, 241 T/hectare was absorbed by the soil--in the second instance, 230 T. Over the area where the blackening of snow took place in 1952 the soil wash-out was less by 1.33 m³/hectare or 22.2% than in the control section. The counter-erosional role of snow barriers consists in accumulation of such soil parts as are washed down from the upper layers of the incline. It is recommended that the barriers be placed on the bends of the slope in such places where streamlets are formed. Each barrier on the bends of the slope accumulated on the average 0.641 m³ of soil, and in other spots of

Card 2/2

- 48 -

TRUSHIN, V.F.

Effect of different kinds of plowing on the runoff of water in
spring. Meteor. i gidrol. no.8:38-40 Ag '57. (MLRA 10:8)
(Runoff) (Plowing)

TRUSHIN, V.M.

Some problems of regulating the moisture of prizolized and
leached Chernozems. Pochvovedenie no.9'56-56 S 16%.

(MIRA 18:10)

I. Sverdlovskiy sel'skokhozyaystvennyy institut.

TRUSHIN, V.F., kand. sel'skokhoz. nauk

Extent of the washing off of soil as related to the method of
basic tillage. Zemledelie 25 no.8:62-64 Ag '63. (MIRA 16:10)

1. Sverdlovskiy sel'skokhozyaystvennyy institut.
(Soil conservation)

TRUSHIN, V. F.

Method of increasing the water capacity of soils. Pochvovedenie
no.11:55-61 N '60. (MIRA 13:11)

1. Sverdlovskiy sel'skokhozyaystvennyy institut.
(Soil moisture)

BELYAYEVSKII, Igor' Konstantinovich; TRUSHIN, V.I., red.; PYATKOVA,
N.D., tekhn. red.

[Collective-farm trade statistics] Statistika kolkhoznoi
torgovli. Moskva, Gosstatizdat, 1962. 125 p. (MIRA 15:10)
(Farm produce--Marketing)
(Collective farms--Statistics)

TRUSHIN, Vasiliy Ivanovich; OZHEREL'YEV, Ivan Ivanovich; RODE, A.A., red.;
PHOTSENKO, D.I., red.izd-va; SHLIKHT, A.A., tekhn.red.

[Mechanical ladders] Avtomekhanicheskaya lestrnitsa. Moskva,
Izd-vo M-va kommun.khoz.RSFSR, 1959. 219 p. (MIRA 12:10)
(Fire-departments--Equipment and supplies)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUS'IN, Ye., inzh.-kapitan

Cybernetics on warships. Voen.znan. '58 no.4:20-21 Ad '58.
(Cybernetics) (Naval art and science) (MIRA 11:4)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

112-57-7-14883

Translation from: Referativnyy zhurnal, Elektrotehnika, 1957, Nr 7, p 155 (USSR)

AUTHOR: Zhidovich, A. I., Varga, R. Sh., Fuks, I. I., Ivanov, V. D., and
Trushin, Ye. M.

TITLE: Device for Checking the Dynamic Balancing of PBR-1 Rove Flyers, TsNII
Mashdetal' System (Pribor dlya proverki dinamicheskoy balansirovki
rovnichnykh rogulek PBR-1 sistemy TsNII Mashdetali)

PERIODICAL: Nauch. -issled. tr. Tsentr. n.-i. in-t vspomogat. izdeliy i zapas
detaley k tekstil'n. oborud., 1956, Nr 4, pp 32-44

ABSTRACT: Bibliographic entry.

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"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUSHIN, Ya.V.

Second International Conference on solid state physics held in
Bristol, West. AN SSSR 35 no. 6296 34 '65.
(MRA 1978)

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CIA-RDP86-00513R001756820015-6"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

LUKASHENKO, I.K.; TRUSHIN, V.I.

Industrial noise control. Mashinostroyeniye no. 5039-40 By '65.
(MIRA 18:5)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

LOZOVOY, D.A., kand. tekhn. nauk; PASHIN, V.D., inzh.; TRUSHIN, Yu.M., inzh.

Working frozen ground with rotary excavators in the Main
Administration for Industrial Construction in the Volga Area.
(MIRA 16:10)
Mekh. stroi. 20 no.9:17 S '63.

(Frozen ground)
(Excavating machinery)

23383

S/124/61/000/008/034/042

A001/A101

11.7100

AUTHOR: Trushin, Yu. M.

TITLE: Investigation of burning in a flow at high initial temperatures

PERIODICAL: Referativnyy zhurnal. Mekhanika, no. 8, 1961, 77, abstract 8B533
(V sb. "3-ye Vses. soveshchaniye po teorii gorenija. T. I.", Moscow,
1960, 79-85)

TEXT: The author measured the induction period of kerosene-air mixtures during their staying in the cylindrical chamber from the spot of fuel injection to the cut of the chamber. It is shown that: 1) there is no heat liberation in the section of induction period; 2) fuel concentration does not affect induction period; 3) the time during which the fuel-air mixture burns under these conditions is mainly the time of induction period; 4) the results obtained are described by the known formula

$$\int_{T_0}^{T_b} \frac{d\tilde{t}}{\gamma_i} = 1$$

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25383

S/124/61/000/008/534/042

A001/A101

Investigation of burning in a flow at high ...

(where T_b is temperature of the beginning of heat liberation in the front of flame, t_i is induction time) and agree with experimental data of the other authors. A modified installation on which experiments were performed is described.

Ya. Fel'dman

[Abstracter's note: Complete translation]

Card 2/2

S/123/61/000/009/022/027
A004/A104

11.7/10

AUTHOR: Trushin, Yu. M.

TITLE: Investigation of combustion in the flow at high initial temperatures

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 9, 1961, 20, abstract
9I161. (V sb. "3-e Vses. soveshchaniye po teorii gorenija. T. I."
Moscow, 1960, 79-85)

TEXT: The ignition delay periods and the combustion rate were varied in an installation to which the fuel was supplied in vaporized form. Heat release is absent in the ignition delay period. The author presents an empirical formula for the calculation of the ignition delay period of kerosene-air mixtures depending on the oxygen concentration, temperature and pressure, the formula having an exponential character. Expressions are given to determine the variations of completeness of combustion and the flame propagation rate. There are 7 references. /C
I. Barskiy

[Abstractor's note: Complete translation]

Card 1/1

PHASE I BOOK EXPLOITATION

SOV/2429

11(1)

Malkin, O.A., and Yu. M. Trushin

Termomagnitnyy indikator kisloroda dlya ekspress-analiza produktov sgoraniya (Thermomagnetic Oxygen Indicator for Rapid Analysis of Combustion Products) Moscow, Oborongiz, 1958. 17 p. 2,200 copies printed.

Ed. of Publishing House: M.S. Anikina; Tech. Ed.: V.P. Rozhin;
Managing Ed.: A.S. Zaymovskaya, Engineer.

PURPOSE: This book is intended for scientists and engineers studying combustion processes in jet motors and determining the percentage of oxygen content in the air and other gases.

COVERAGE: The book discusses attempts to devise an instrument which will permit the direct determination of the oxygen content in the combustion products of mixtures of hydrocarbons with air. The instrument devised has a time lag of 0.6 seconds and is functional under normal conditions and at pressures up to 0.3 atm. The results of stand tests are also given. The working principle of the instrument utilizes the coefficient of combustion

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Thermomagnetic Oxygen (Cont.)

SOV/2429

efficiency (η_z), which is proportional to the amount of oxygen consumed during combustion. The authors thank D.I. Ageykin for consultation on making the instrument. There are 10 references: 5 Soviet and 5 English.

TABLE OF CONTENTS:

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1. Types of Gas Analyzers. Choosing the Most Efficient Gas-analyzer System	4
2. Construction and Electrical Circuit Diagram of a Thermomagnetic Oxygen Indicator	7
3. Characteristics of an Oxygen Indicator	10
4. Methods of Measuring η_z With the Aid of an Oxygen Indicator	13
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Thermomagnetic Oxygen (Cont.)

SOV/2429

AVAILABLE: Library of Congress

Card 3/3

TM/ec
10-26-59

ZHIDOVICH, A.I., kandidat tekhnicheskikh nauk; VARGA, R.Sh., kandidat tekhnicheskikh nauk; FUKS, I.I.; IVANOV, V.D., glavnnyy konstruktor; TRUSHIN, Ye.M., inzhener-tehnolog.

Instrument for testing the balance of flyer guides. Tekst.prom.
14 no.6:32-34 Je '54. (MLRA 7:7)

1. Glavnnyy inzhener zavoda im. 1 Maya (for Fuchs)
(Spinning machinery)

MALKIN, O.A.: TRUSHIN, YU.M.; ANIKINA, M.S., red. izd-va; ROZHIN, V.P.,
tekhn. red.

[Thermomagnetic oxygen indicator for rapid analysis of combustion
products] Termomagnityi indikator kisloroda dlia ekspress-analiza
produktov sgoraniia. Moskva, Gos. izd-vo obor. promyshl., 1958.
15 p.

(MIRA 11:8)

(Gases--Analysis) (Chemical apparatus)

SVEDE-SHVETS, M.I.; EYDUK, Yu.A.; YENINA, V.A.; VODOP'YANOVA, L.S.;
TRUSHIN, Yu.V.; Prinimali uchastiye: DZENELADZE, Zh.O.;
ZHUKOVA, Ye.A.; ISAKOVA, Z.S.; PUGACHEVA, V.P.; IGUMNOV, V.Ye.

Thermoelectric characteristics of sintered alloys based on
tungsten and molybdenum. Sbor. trud. TSNNICHM no.30:7-16 '63.
(MIRA 16:10)

(Tungsten-molybdenum alloys--Thermoelectric properties)

L 36276-66 EWP(j)/EWP(l)/EWP(m)/T/EWP(t)/ETI IJP(c) RM/WW/JD/JT
ACC NR: AP6016040 SOURCE CODE: UR/0030/66/000/004/0149/0150

AUTHOR: Trushin, Ye. V.

96

ORG: none

86

B

TITLE: Problems of solid state physics [All-Union Seminar in Moscow]

SOURCE: AN SSSR. Vestnik, no. 4, 1966, 149-150

TOPIC TAGS: solid state physics conference, crystal dislocation phenomenon, pressure effect, high pressure, polymer structure, crystal growing, pn junction, superconductivity

ABSTRACT: A seminar on the main trends of development of modern solid-state physics was called together in December 1965 by the Scientific Council for Comprehensive Study of Solid State Physics of the Academy of Sciences SSSR jointly with VDNKh. Prominent scientists of the Union and Republic academies, universities, and higher institutions of learning as well as representatives of the industry participated in the seminar, altogether some 240 people. I. M. Lifshits opened the seminar with a paper on the modern status of solid state theory and its place in modern physics. His review article dealt with applications of solid state physics, quantum properties of solid state and main problems and prospects of development of solid state theory. A paper "Problems of High-Strength Materials" by Yu. A. Osip'yan dealt with strength of material from the point of view of dislocation theory. S. N. Zhurkov described the main premises of a theory developed by him and his co-workers on the temperature-time

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ACC NR: AP6016040

10

dependence of the strength of polymer materials. N. N. Sheftal' discussed the present status of crystallography in the SSSR. R. G. Arkhipov related on the status of research in the field of solid state physics at high temperatures. A. V. Stepanov dealt with the growth of products directly from the melt by controlled crystallization. B. M. Vul discussed the use of p-n junctions as light sources and the study of plasma in semiconductors. A. R. Regel' described some physical problems connected with the development of galvanomagnetic pickups, tension gauges, thermoelectric converters, scientific equipment for the investigation of defects in semiconductor crystals, and other apparatus which was exhibited by VDNKh. A review of theoretical papers in the field of superconductivity was presented by Ye. A. Shapoval, and the use of this phenomenon in science and industry was discussed by V. R. Karasik. A paper was also delivered by L. V. Kirenskiy on different methods of producing very strong stationary magnetic fields and their use in physical experiments. An exhibit of physics equipment was held in conjunction with the seminar.

SUB CODE: 20/ SUBM DATE: 00

ms
Card 2/2

TRUSHINA, A.P., teplotekhnik

Recirculation of the heating medium in chamber kilns. Rats. i izobr.
predl. v stroi. no.5:43-44 '58. (MIRA 11:6)

1. Liazonovskiy kirpichnyy zavod, stantsiya Mark, Moskovskoy oblasti,
Krasnopolyanskogo rayona.
(Kilns)

SHTEYMAN, R.; TRUSHINA, I., mladshiy nauchnyy sotrudnik

Make wider use of semiprocessed fishery products. Obshchestv.pit.
no.1:5-7 Ja '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut torgovli i obshchestvennogo
pitaniya (for Trushina).
(Fishery products)

ABATUROV, P.V.; GROZNOV, S.R.; GANETSKIY, I.D.; KOZYREVA, Ye.A.;
NOVITSKAYA, L.A.; ODINTSOV, A.I.; PROTOPOPOV, S.I.; SIDOROV,
V.A.; SIDOROVA, L.I.; TROFIMOVA, V.I.; TRUSHINA, I.V.; SHTEYMAN,
R.A.; DUNTSOVA, K.G., red.; KAZENOVA, A.R., red.; MARSHAK, M.S.,
prof., red.; MOLCHANOVA, O.P., prof., red.; SALOMATINA, K.Z.,
red.; KAGANOVA, A.A., red; MEDRISH, D.M., tekhn. red.

[Dietetic cookery in eating establishments] Dieticheskoe pitanie v
stolovykh; sbornik retseptur i tekhnologii prigotovleniya bliud.
Moskva, Gos.izd-vo torg.lit-ry, 1962. 262 p. (MIRA 16:1)

1. Russia (1917- R.S.F.S.R.)Ministerstvo torgovli.
(COOKERY FOR THE SICK)

BLOKH, G.S.; VOSINOV, V.V.; TROKHINA, K.G.

Certain geological features of the Middle-Levenia producing layers in the Western Teuuk oil field. Nauch.-tekhn. zber.
po dob. nafti no. 21:13-19 '63. (MIRA 17:5)

1. Pechorskly nauchno-issledovatel'skiy ugol'nyy institut i
Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

STEPANOVA, O.S.; ZAKHAROV, M.S.; TRUSHINA, L.F.; APARINA, V.I.

Study of intermetallic compounds of gallium and germanium with copper and gold with cadmium by the method of amalgam polarography with storage. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 7 no.2:184-188 '64.
(MIRA 18:4)

1. Kafedra fizicheskoy i kolloidnoy khimii Tomskogo politekhnicheskogo instituta im. S.M. Kirova.

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CIA-RDP86-00513R001756820015-6"

ACCESSION NR: AP4041679

S/0153/64/007/002/0184/0188

AUTHOR: Stepanova, O. S., Zakharov, M. S., Trushina, L. F., Aparina, V. I.

TITLE: Investigation of intermetallic compounds of gallium and germanium with copper and of gold with cadmium by the accumulated mercury polarographic method

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 7, no. 2, 1964, 184-188

TOPIC TAGS: gallium copper intermetallic compound, germanium copper intermetallic compound, gold cadmium intermetallic compound, CdAu, GaCu, GeCu, polarography, accumulated mercury electrode, stationary mercury electrode, solubility product

ABSTRACT: Intermetallic compounds of Ga and Cu, Ge and Cu, and Cd and Au were studied to determine their composition. Type 7-77-4b polarograph with an electrolyser, which was described by A.G. Stromberg, M.S. Zakharov, L.F. Zaichko (Zavodsk. laboratoriya, 27, 517 (1961)), was used in the investigation. The following electrolytes were used: for Ga-Cu, 0.1M KCl + 0.1M sodium salicylate;

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ACCESSION NR: AP4041679

for Ge-Cu, 0.2M Na_2CO_3 + 0.025M complexon III; and for Au-Cd, 0.1M $(\text{NH}_4)_2\text{SO}_4$. The Cd, Ga and Ge concentrations were of the order of 10^{-4} mol/l . The anodic peaks for Cd, Ga and Ge disappeared when $[\text{Au}] : [\text{Cd}] = 1$, $[\text{Cu}] : [\text{Ga}] = 1$ and $[\text{Cu}] : [\text{Ge}] = 3$, respectively, indicating the intermetallic compounds CdAu, GaCu and GeCu₃. The solubility product of GaCu and GeCu₃ in mercury was determined (2×10^{-6} and $8.4 \times 10^{-13}\text{ gm. at.}^{2/3}$, respectively) by calculations described by A.G. Stromberg, V.E. Gorodov*kh (Zh. neorgan. khimii, 8, 2355 (1963)). The solubility product of CdAu could not be calculated since the potential of the Au anodic peak is higher than that of the mercury solution. The maximum concentrations of Ga and Cu and of Ge and Cu ions which do not form intermetallic compounds in mercury and which therefore can be determined without introducing errors under given analytical conditions were determined. A greater concentration of these ions can be counteracted by decreasing electrolysis time or increasing the volume of mercury. "In conclusion I thank Prof. A.G. Stromberg for valuable advice in conducting and evaluating the work." Orig. art. has: 5 equations, 1 figure and 2 tables.

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ACCESSION NR: AP4041679

ASSOCIATION: Kafedra fizicheskoy i kolloidnoy khimii, Tomskiy politekhnicheskiy
institut im. S. M. Kirova (Department of Physical and Colloidal Chemistry,
Tomsk Polytechnic Institute)

SUBMITTED: 23Jul63

ENCL: 00

OTHER: 004

SUB CODE: IC, OP

NR REF SOV: 009

Card 3/3

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CIA-RDP86-00513R001756820015-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

STEPANOVA, O.S.; ZAKHAROV, M.S.; TRUSHINA, L.F.

Determination of germanium in high-purity indium by the method of
amalgam polarography with storage. Zav. lab. 30 no.10;1180-1181 '64.
(MIRA 18:4)

1. Tomskiy politekhnicheskiy institut imeni Kirova.

GORIZONTOV, P.D.; SBITNEVA, M.F.; TRUSHINA, M.N.

Transplantation of hematopoietic tissue in the treatment of
radiation lesions. Pat. fiziol. i eksp. terap. 7 no. 3:15-20
My-Je '63. (MIRA 17:4)

1. Deystvitel'nyy chlen AMN SSSR (for Gorizontov).

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUSHINA, M.N.; POLODNYAKOV, A.L.

Use of embryonic hemopoietic liver cells in an acute radiation sickness of rats. Radiobiologija 5 no.1:103-107 '65.

(MIRA 18:3)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

TRUSHINA, M.N.

Efficiency of polyglucin blood substitute in the experimental treatment of radiation sickness. Med.rad. 4 no.7:67-70
Jl '59. (MIRA 12:9)

(DEXTRAN rel. cpds.)
(RADIATION INJURY exper.)

AFANAS'YEVA, R.Ya.; KOROTKOVA, L.N.; TRUSHINA, N.D.

Manufacture of suede leather from pigskins. Kozh.-obuv.prom.
4 no.4:32-34 Ap '62. (MIRA 15:5)
(Leather)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

PLYUSHCHEV, V.Ye.; SHKLOVER, L.P.; TRUSHINA, T.A.

Composition and thermal stability of lanthanum formate. Zhur.
neorg. khim. 9 no.12:2710-2714 D '64.

(MIRA 18:2)

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CIA-RDP86-00513R001756820015-6

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

PLYUSHCHEV, V.Ye.; SHKLOVER, L.P.; SHKOL'NIKOVA, L.M.; KIENETSOVA, G.P.;
TRUSHINA, T.A.

Yttrium and erbium ferrates and their properties. Zhur. ob.
khim. 35 no.10;1783-1790 O '65. (MIRA 18:10)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

KOGAN, L.M.; MUSKIN, S.S.; TRUSHINA, V.Z.

Features of p-n junctions in Ga arsenide derived by cadmium diffusion. Radiotekhnika i elektron. 9 no.11:2042-2044 N '64.
" (MIRA 17:12)

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CIA-RDP86-00513R001756820015-6"

"APPROVED FOR RELEASE: 03/14/2001

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APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

BOGDASHIN, A.S.; BOGORODSKIY, A.A.; VINGARDT, M.B.; GORBUNOV, Y.I.;
GORBUNOV, V.R.; DUROV, V.K.; YERMAKOV, A.L.; IVANOV, A.A.;
KARAKOVA, H.I.; KOBILLYAKOV, L.M.; KOZLOVSKIY, H.I.; MARAKHTANOV,
K.P.; MIRUMYAN, G.N.; NECHETOV, G.P.; NOVIKOV, A.G.; OLEKHOVSKIY,
K.I.; PESTRYAKOV, A.I.; POLAPANOV, A.V.; SKLYAREVSKAYA, Ye.Kh.;
SOLDATENKOV, S.I.; SOROKIN, Ye.M.; TRUSHINA, Z.V.; FEDOROV, P.F.;
FEDOSATEV, A.M.; FROG, N.P.; SHAMAYEV, G.P.; YANOVSKIY, V.Ya.;
ORLIKHOV, A.D., spetsred.; DEYEVA, V.M., tekhn.red.

[Handbook on new agricultural machinery] Spravochnik po novoi
tekhnike v sel'skom khoziaistve. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1959. 364 p. (MIRA 13:2)
(Agricultural machinery)

USSR / Microbiology - General Microbiology

F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38300.

Author : Trushina-Tumanova, E. F., Shavrova, M. M.
Mamaeva, E. A.

Inst : Not given.

Title : Cultivation of Whooping Cough Bacteria on a
Bloodless Medium and the Study of Properties in
Cultures Obtained.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiologii,
1957, No 7, 141-142.

Abstract: No abstract.

Card 1/1

TRUSHINA-TUMANOVA, Ye. F.

TRUSHINA-TUMANOVA, Ye. F. - "Experimental Research on Whooping Cough."
Sub 26 Dec 52, Acad Med Sci USSR. (Dissertation for the Degree
of Doctor in Medical Sciences).

SO: Vechernaya Moskva January-December 1952

~~ALL INFORMATION CONTAINED~~
~~HEREIN IS UNCLASSIFIED~~
TRUSHINA-TUMANOVA, Ye.F.; MAMAYEVA, Ye.A.

Study of the toxin of *Hemophilus pertussis*, report no.2. Zhur.
mikrobiol.epid. i immun. no.9:38-40 S '55. (MLRA 8:11)

I. Iz Moskovskogo instituta epidemiologii mikrobiologii i gigi-
eny, (dir. M.G.Kashtanova, nauchnyy rukovoditel' --prof. V.A.
Chernokhvostov.

(*HEMOPHILUS PERTUSSIS*,
toxin)

TRUSHINA-TUMANOVA, Ye.P.

Toxic characteristics of the pertussis microbe. Report no.3:
Whooping cough anatoxin; combined whooping cough vaccine. Zhur.
mikrobiol.epid. i immun. 27 no.7:59-64 Jy '56. (MLRA 9:9)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(WHOOPING COUGH, immunol.
vaccine from anatoxin & coctovaccine, prep. & eff.)
(VACCINES AND VACCINATION
whooping cough vaccine from anatoxin & cocto-vaccine,
prep. & eff.)

TRUSHINA-TUMANOVA, Ye.F.

Testing the reactivity and antigenic action of combined whooping cough vaccine. Report no.4: Study of the toxic properties of Hemophilus pertussis. Zhur.mikrobiol., epid. i immun. 27 no.8: 42-47 Ag '56.
(MLRA 9:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta epidemiologii, mikrobiologii i gigiyeny.
(WHOOPING COUGH, immunology,
vaccine (Rus))
(VACCINES AND VACCINATION,
whooping cough vaccine (Rus))

TRUSHINA-TUMANOVA, Ye. V.; SHAVROVA, N.M.; NAMAYEVA, Ye.A.

Growing the whooping cough pathogen on a blood-free medium and
studying the properties of cultures thus obtained; authors'
abstract. Zhur.mikrobiol.epid. i immun. 28 no.7:141-142 J1 '57.
(MIRA 10:10)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i
gigiyeny.
(HEMAPHILUS PERTUSSIS)

TRUSHINA - TUMANOVA , YE. F.

CZECHOSLOVAKIA/Microbiology - Medical and Veterinary.

F-4

Abs Jour : Ref Zhur - Biologiya, No 7, 1957, 26368

Author : Trushina-Tumanova, Ye.F.
Inst :

Title : Tests of Reactogenicity and Antigenic Effect of Combined
Whooping Cough Vaccine. IV. Study of Toxic Properties
of Whooping Cough Bacteria.

Orig Pub : Zh. mikrobiol., epidemiol., i immunobiologii, 1956, No 8,
42-47

Abst : No abstract.

Card 1/1

TRUSHINA-TUMANOVA, Ye.F.; SHAVROVA, M.M.; MAMAYEVA, Ye.A.

Further study of antigens of the pertussin pathogen. Zhur.mikrobiol.
epid. i immun., supplement for 1956:40-41 '57 (MIRA 11:3)

1. Iz Moskovskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(ANTIGENS AND ANTIBODIES) (HEMOPHILUS PERTUSSIS)

L 46952-66 EWT(1)/EWT(m)/EEC(k)-2/T/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AP6031029 SOURCE CODE: UR/0109/66/011/009/1645/1650

AUTHOR: Kogan, L. M.; Meskin, S. S.; Nasledov, D. N.; Trushina, V. Ye.; Tsarenkov, B. V.

ORG: Physico-Technical Institute im. A. F. Ioffe, AN SSSR (Fiziko-tehnicheskiy
institut AN SSSR)

TITLE: Electron-photon GaAs transistor ✓

20
B

SOURCE: Radiotekhnika i elektronika, v. 11, no. 9, 1966, 1645-1650

TOPIC TAGS: transistor, electron photon transistor, gallium arsenide transistor,
GALLIUM ARSENIDE, ELECTRON, PHOTON

ABSTRACT: The results of an experimental investigation of GaAs electron-photon transistors (R. Rediker et al., Proc. IEEE, 1963, 51, 1, 218) at 77 and 293K are reported. The transistors were made from Te-doped n-GaAs. Source material parameters: electron concentration, 7×10^{17} -- 5×10^{18} per cm^3 ; mobility, 1800--3200 $\text{cm}^2/\text{v sec}$; dislocation density, 10000 per cm^2 ; p-n-p structure was produced by Zn diffusion; plate thickness, 300 μ ; base thickness, 100-200 μ ; p-region thickness, 50-100 μ . Collector current vs. collector voltage characteristics (for 0--100 amp/ cm^2 emitter current) and collector current vs. emitter current characteristics are shown. The emitter-collector current transfer ratio was found to increase from 0.05 to 0.075 with the collector voltage increasing from 0 to 8 v, at 77K. At room temperature, the transfer ratio amounts to 1/20-th of the liquid-nitrogen ratio. When the emitter

Card 1/2

UDC: 539.293.011.43

ACC NR: AP6031029

current increases from 0.1 to 0.5 amp, the power gain decreases from 12 to 4 and the voltage gain, from 350 to 80 (at 77K). The estimated total quantum yield of photons is 0.1 at 77K. Desirability is noted and ways are indicated for making the electron-photon transistor a practical amplifier. Orig. art. has: 4 figures and 1 formula. [03]

SUB CODE: 09 / SUBM DATE: 29Mar65 / ORIG REF: 003 / OTH REF: 006 / ATD PRESS: 5089

Card 2/2 afs

NEZLIN, S.Ye., prof.; TRUSHINSKAYA, I.S.

Registration of open tuberculosis [with summary in French]. Probl.
tub. 34 no.5:3-8 S-0 '56.
(MIRA 10:11)

1. Iz Moskovskogo orodskogo nauchno-issledovatel'skogo tuberkuleznogo
instituta (dir. V.F.Chernyshev) i protivotuberkuleznogo dispansera
No.14 (glavnnyy vrach F.V.Ivanova)
(TUBERCULOSIS, prev. and control
in Russia, registration of open forms)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUSHINSKAYA, M.B.; UZHVA, I.G.

Acclimatization of *Rutilus frissii kutum* (Kamensky) in the Sea
of Azov. Trudy VNIRO 55:109-123 '64. (MIRA 18:4)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

NECHAYEVA, N.L.; TRUSHINSKAYA, M.B.

Parasites of *Rutilus frisii kutum* (Kamensky) introduced into
the Sea of Azov. Trudy VNIRO 55:193-194 '64. (MIRA 12:4)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUSHINSKAYA, M.M. [Trushyns'ka, M.M.]

"Epidemic poliomyelitis." Reviewed by M.M. Trushyns'ka. Ped., akush.
i gin. 19 no.4:63 '57. (POLIOMYELITIS) (MIRA 13:1)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

TRUSHINSKAYA, M.M.

Remote results in the treatment of acute poliomyelitis with prolonged
and repeated administration of normal and placental serum. Pediatriia,
Moskva No.1:71 Jan-Feb 52.
(CLML 21:4)

1. Of the Ukrainian Scientific-Research for the Care of Mother and Child.

TRUSHINSKAYA, M.M. [Trushyns'ka, M.M.], kand.med.nauk

Peculiarities of involvement of the nervous system in children
who have had erythroblastosis fetalis. Preliminary report. Ped.,
akush. i gin. 22 no.3:18-21 '60.
(MIRA 14:4)

1. Nevrologicheskoye otdeleniye (zav. - kand.med.nauk M.M.Trushins'ka)
Vtornoy detskoy bol'nitsy Shevchenkovskogo rayona (glavnnyy vrach -
Z.A.Shevvel'), g. Kiyev.
(ERYTHROBLASTOSIS FETALIS)
(NERVOUS SYSTEM--DISEASES)

TRUSHINSKAYA, M.M. [Trushyns'ka, M.M.], kand. med. nauk

Case of henbane poisoning with a protracted course. Ped.
Akush. i gin. 24 no.6:32 '62. (MIRA 17:4)

TRUSHINSKAYA, M. M.

Poliomyelitis

Remote results of the treatment of acute poliomyelitis with prolonged and repeated administration of normal and placental serum. Pediatrilia no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, UNCLASSIFIED.

TRUSHINSKAYA, M. M.

Serum Therapy

Remote results of the treatment of acute poliomyelitis with prolonged and repeated administration of normal and placental serum. Pediatr no. 1, 1952.

Monthly List of Russian Acquisitions, Library of Congress, May 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

ANDREYEV, S.V.; MARTENS, B.K.; TRUSHINSKIY, A.N.

Semiconductor device for automatic remote measurement and
regulation of temperature. Izm.tekh. no.11:23-27 N '61.
(MIRA 14:11)
(Thermostat)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

ANDREYEV, S.V.; MARTENS, B.K.; TRUSHINSKIY, A.N.

Using electronic-bridge devices for operating with semiconductor
resistances. Priborostroenie no.10:17-19 O '61. (MIR 14:9)
(Bridge circuits) (Electronic instruments)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

ANDREYEV, S.V.; MARTENS, B.K.; STEPANOV, A.S.; TRUSHINSKIY, A.N.

Artificial climate chamber for investigations in the field of
plant protection. Zashch.rast.ot vred.i bol. 4 no.6:17-18 N-D
'59. (MIRA 15:11)

(Plants, Protection of--Research)

ANDREYEV, Sergey Vasil'yevich; MARTENS, Boris Konstantinovich; TRUSHINSKIY,
Aleksandr Nikolayevich; IVANOV, B.N., inak., red.; FREGER, D.P., red.
izd-va; BELOGUROVA, I.A., tekhn. red.

[Multipositional electromechanical programmed controller; temperature,
humidity, and lighting] Mnogopozitsionnyi elektromekhanicheskii pro-
grammnyi reguliator; temperatury, vlaghnosti i osveshchennosti. Le-
ningrad, 1961. 18 p.
(Electric controllers)

(MIRA 14:8)

ANDREYEV, Sergey Vasil'yevich; MARTENS, Boris Konstantinovich;
TRUSHINSKIY, Aleksandr Nikolayevich; KAMPE-NEMM, A.A.,
red.; TELYASHOV, R.Kh., red. izd-va; GVIERTS, V.L., tekhn.
red.

[Three-positional distance-type transistor temperature
regulator] Trekhpozitsionnyi distantsionnyi poluprovod-
nikovyi termoreguliator. Leningrad, 1963. 20 p. (Lenin-
gradskii dom nauchno-tekhnicheskoi propagandy. Obmen pe-
redovym opyтом. Seriya: Pribory i elementy avtomatiki,
no.2) (MIRA 16:10)

(Temperature regulators)

TRUSHINSKIY, Z.K. (Moskva)

Significance of the examination of oxalic-glutamic transaminase
in the diagnosis of myocardial infarct. Klin.med. 39 no.3:119-
124 Mr '61. (MIRA 14:3)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof.
A.A. Shelagurov) II Moskovskogo meditsinskogo instituta imeni
N.I. Pirogova.
(TRANSAMINASE) (HEART--INFARCTION)

TRUSHINSKIY, Z.K., kand. med. nauk

Causes of contradictions in the determination of serum glutamic
and oxalate transaminase. Lab. delo no.8:467-472 '65.
(MIRA 18:9)

1. Kafedra propedevtiki vnutrennikh bolezney (zav.- prof.
A.A. Shelagurov) II Moskovskogo meditsinskogo instituta imeni
Pirogova.

TRUSHINSKIY, Z. K.

Dysproteinemia in myocardial infarct and chronic coronary insufficiency. Terap. arkh. 33 no.5:15-19 My '61. (MIRA 14:12)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof. A. A. Shelagurov) lechebnogo fakul'teta II Moskovskogo meditsinskogo instituta imeni N. I. Pirogova.

(BLOOD PROTEINS)
(HEART--INFARCTION)
(CORONARY VESSELS--DISEASES)

TRUSHINSKIY, Z. K., CAND MED SCI, "CLINICAL SIGNIFICANCE
OF THE ~~STUDY~~ INVESTIGATION OF TRANSAMINASE AND PROTEIN FRACTIONS OF
BLOOD SERUM IN MYOCARDIAL INFARCTION AND CHRONIC CORONARY IN-
SUFFICIENCY." RYAZAN', 1961. (RYAZAN' MED INST IMENI A. A.
A. A. BOGOMOLETS). (KL-DV, 11-61, 230).

-290-

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6

TRUSHKA, R.

Oblast' Primeneniya Slantsev, Goryuchiye Slantsy, 1932, No. 3, 28.

SO: Goryuchiye Slantsy #1934-35, TN .871
G .74

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001756820015-6"

TRUSHKA, R.

Neskol'ko Zamechaniy Po Povodu Smolorazgonnykh Jobov, Goryuchiye Slantsy,
1932, No. 4, 21.

SO: Goryuchiye Slantsy #1934-35, TN .871
G .74

TRUSHKA, R.

Problema Sushki Slantsa, Goryuchiye Slantsy, 1932, No. 8-9, 49.

SO: Goryuchiye Slantsy, #1934-35, TN .871
G .74

TRUSHKA, R.

Promyvka Zoly S Tsel'Yu Polucheniya Koksa Dlya Generatorov Pabotayushchikh
Na Slantse, Goryuchiye Slantsy, 1932, No. 10, 38.

SO: Goryuchiye Slantsy #1934-35, TN .871
G .74

TRUSHKA, R.

Persdacha Slantsevogo Gaza Na Rasstoyaniye, Goryuchiye Slantsy, 1932, No. 2, 34.

SO: Goryuchiye Slantsy #1934-35, TN .871
G .74

TRUSHKA, R.

K Voprosu O Topkakh Dlya Peregonnykh Ustanovok Volzhskogo Rayona,
Goryuchiye Slantsy, 1932, No. 1, 21.

SO: Goryuchiye Slantsy #1934-35, TN .871
G .74

TRUSHKA R.

"Neskol'ko zamechaniy po povodu smolorazgonnykh kubov", p. 21

Goryuchiye Slantsy, No 4, 1932

TRUSHKA R.

"Perekacha slantsevogo gaza na rasstoyaniye," p. 34,

Goryuchiye Slantsy, No. 2, 1932.

TRUSHKA R.

"Oblast' primeneniya slantsev", p. 28

Goryuchye Slantse, No. 3, 1932

TRUSHKA INZH. R.

"Problema sushki slantsa", p. 49

Goryuchiye Slantsy, No. 8-9, 1932

SHCHEPAK, V.M.; SELETSKIY, T.M. [Selets'kyi, T.M.]; PETRASHKEVICH, M.A.
[Petrashkevych, M.I.]; TRUSHKEVICH, R.T.

Thermal waters in the Carpathians. Geol. zhur. 22 no. 5:66-69
'62. (MIRA 15:12)

1. Trest "L'vovneftegazrazvedka", Ukrainskiy nauchno-issledovatel'skiy
gornorudnyy institut i L'vovskaya geologo-razvedochnaya kontora.
(Carpathian Mountains--Thermal waters)

TRUSHKEVICH, R.T.

Origin of folds in the eastern Mukachevo Depression. Geol. zhur.
20 no. 3:46-49 '60. (MIRA 14:4)
(Mukachevo Depression--Folds (Geology))

TRUSHKEVICH, R.T.

Preparing the oil-bearing structures in the western regions
of the Soviet Union for oil and gas prospecting. Neft. i gaz.
(MIRA 17:9)
prom. no.2:19-21 Ap-Je '64.

TRUSHKEVICH, R.T.

Possibilities for opening new types of oil and gas pools in the
western regions of the Ukrainian S.S.R. Razved. i okh. nedr 29
no.11:14-19 N '63. (MIRA 17:12)

1. L'vovskaya geologopoiskovaya kontora.

TRUSHKIN, A.

Shoulder to shoulder. Pozh.delo 7 no.9:14-15 3 '61.
(MIRA 14:11)
(Factories--Fires and fire prevention)

ANDRIASYAN, G.K.; PETYUSHKIN, A.F.; TRUSHKIN, A.M.; VOLODINA, K.D.; TIKHONOV, A.S.

Treating patients with skin diseases with highly concentrated
Matsesta baths under polyclinical conditions. Vest.derm.i ven.
(MIRA 14:3)
35 no.1:49-52 Ja '61.

1. Iz kurortnoy polikliniki No.2 (glavnyy vrach L.I. Kuznetsova)
Kurortnogo upravleniya Sochi - Matsesta Ministerstva zdravookhra-
neniya RSFSR.
(SKIN—DISEASES) (MATSESTA—MINERAL WATERS, SULFUROUS)

TRUSHKIN, A. V.

6315 TRUSHKIN, A. V. Puti Ulchsheniya Nasledstvennykh Kachestv
Semyan Khlopchatnika Pri Novoy Sisteme Kolkhoznogo Semenovodstva.
Stalinabad, 1954. 20sm. 22sm. (Akad. Nauk Tadzhik. SSR. Otd-Niye
Estestv. Nauk.) 100Ekz. B.Ts. - (54-58174).

SO: KNIZHAMYA LEROPIS'1, 1955

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25120

Author : Trushkin, A. V.

Inst : ~~UZBEK Agricultural Inst.~~

Title : Ways of Improving the Hereditary Characteristics
of Cotton Seeds with a New System of Kolkhoz Seed
Raising

Orig Pub: Nauchn. tr. Uzb. s.-kh. in-ta, 1956, 9, ch. 1,
75-85

Abstract: The proper organization of seed raising may be at-
tained by combining intervarietal crossing, di-
rected cultivation and selection. The effectiveness
of intervarietal crossing may be raised by a specific
method of pollination. Pollen from the lower por-
tion of the staminal columns appears best. Bad

Card 1/2

103

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25120

Abstract: results are gotten from pollinating with a mixture
from the top third of the staminal columns. The
quality of the flowers and the bolls which develop
there and the seeds depend on their placement
within the bush. The best bolls and seeds in the
108-F variety at Samarkand were formed in the middle
and lower parts of the bush with the exception of
the extreme lowest fruit-bearing branches. --
A. M. Smirnov

Card 2/2

TRUSHKIN, A. V.

"Methods of Improving the Inherited Qualities of Cotton Seed by a New Kolkhoz System of Seed Growing." Cand Agr Sci, Department of Natural Sci, Acad Sci Tadzhikistan SSR, Stalinabad, 1954. (KL, No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
SO: Sum. No. 598, 29 Jul 55

TRUSHKIN, A.V.

Using bees for the pollination of cotton. Agrobiologija no.5:787-
788 S-0 '60. (MIRA 13:10)

1. Uzbekskiy sel'skokhozyaystvennyy institut imeni V.V. Kuybusheva,
Samarkand.
(Bees) (Cotton growing)

TRUSHKIN, A.V...

Heterogeneity of seeds and fibers within a cotton boll as the
biological basis of grading. Uzb. biol. zhur. 8 no.1:83-87 '64.
(MIPA 17:10)

1. Samarkandskiy sel'skokhozyaystvennyy institut.